

Docket No. AUS920000767US1

CLAIMS:

What is claimed is:

1. A method for filtering content, comprising:
 - 5 assigning point values to a plurality of keywords;
receiving a first plurality of documents from a
source;
comparing text of each of the first plurality of
documents with the plurality of keywords;
 - 10 calculating a score for each of the first plurality
of documents based on the point values and the results of
the comparison;
calculating an first average of the scores for the
first plurality of documents; and
 - 15 blocking access to the source if the first average
score exceeds a threshold.
2. The method of claim 1, wherein the keywords and
corresponding point values are stored in a keyword search
20 table.
3. The method of claim 1, wherein the step of blocking
access to the source comprises entering a known-block
rule in a rules table, the known-block rule indicating
25 that the source is to be blocked.
4. The method of claim 1, further comprising:
 - entering a known-safe rule in a rules table if the
first average score does not exceed the threshold, the
30 known-safe rule indicating that access to the source is
to be permitted.

09735689-11100

Docket No. AUS920000767US1

5. The method of claim 1, further comprising:

if the first average score does not exceed the threshold, performing the following steps:

5 receiving a second plurality of documents from a source;

comparing text of each of the second plurality of documents with the plurality of keywords;

10 calculating a score for each of the second plurality of documents based on the point values and the results of the comparison;

calculating an second average of the scores for the second plurality of documents; and

15 blocking access to the source if the second average score exceeds a threshold.

6. The method of claim 1, wherein the method is performed in a firewall.

20 7. A method for filtering content, comprising:

assigning point values to a plurality of keywords;

receiving a request for a document from a client;

receiving the document from a source;

25 comparing text of each of the plurality of documents with the plurality of keywords;

calculating a score for the document based on the point values and the results of the comparison;

determining if a decision interval has been reached;

30 calculating an average score over the decision interval if the decision interval has been reached for the source; and

09735589-11200

blocking access to the source if the average score exceeds a threshold.

8. The method of claim 7, wherein the keywords and
5 corresponding point values are stored in a keyword search
table.
9. The method of claim 7, wherein the decision interval
is a length of time.
10. The method of claim 7, wherein the decision interval
is a number of documents.
11. The method of claim 7, wherein the step of blocking
15 access to the source comprises entering a known-block
rule in a rules table, the known-block rule indicating
that the source is to be blocked.
12. The method of claim 7, further comprising:
20 entering a known-safe rule in a rules table if the
first average score does not exceed the threshold, the
known-safe rule indicating that access to the source is
to be permitted.
13. The method of claim 7, further comprising:
25 passing the document to the client if the decision
interval has not been reached.
14. The method of claim 7, further comprising:
30 passing the document to the client if the first
average score does not exceed the threshold.

Docket No. AUS920000767US1

15. An apparatus for filtering content, comprising:
assignment means for assigning point values to a
plurality of keywords;

5 receipt means for receiving a first plurality of
documents from a source;

comparison means for comparing text of each of the
first plurality of documents with the plurality of
keywords;

10 calculation means for calculating a score for each
of the first plurality of documents based on the point
values and the results of the comparison;

averaging means for calculating an first average of
the scores for the first plurality of documents; and

15 blocking means for blocking access to the source if
the first average score exceeds a threshold.

16. The apparatus of claim 15, wherein the keywords and
corresponding point values are stored in a keyword search
20 table.

17. The apparatus of claim 15, wherein the blocking
means comprises means for entering a known-block rule in
a rules table, the known-block rule indicating that the
25 source is to be blocked.

18. The apparatus of claim 15, further comprising:
means for entering a known-safe rule in a rules
table if the first average score does not exceed the
30 threshold, the known-safe rule indicating that access to
the source is to be permitted.

0973559-11200

Docket No. AUS920000767US1

19. The apparatus of claim 15, wherein the apparatus is in a firewall.

- 5 20. An apparatus for filtering content, comprising:
assignment means for assigning point values to a plurality of keywords;
first receipt means for receiving a request for a document from a client;
10 second receipt means for receiving the document from a source;
comparison means for comparing text of each of the plurality of documents with the plurality of keywords;
calculation means for calculating a score for the
15 document based on the point values and the results of the comparison;
determination means for determining if a decision interval has been reached;
averaging means for calculating an average score
20 over the decision interval if the decision interval has been reached for the source; and
blocking means for blocking access to the source if the average score exceeds a threshold.

- 25 21. The apparatus of claim 20, wherein the keywords and corresponding point values are stored in a keyword search table.

22. The apparatus of claim 20, wherein the decision
30 interval is a length of time.

09735589-11200

Docket No. AUS920000767US1

23. The apparatus of claim 20, wherein the decision interval is a number of documents.

24. The apparatus of claim 20, wherein the blocking
5 means comprises means for entering a known-block rule in a rules table, the known-block rule indicating that the source is to be blocked.

25. The apparatus of claim 20, further comprising:
10 means for entering a known-safe rule in a rules table if the first average score does not exceed the threshold, the known-safe rule indicating that access to the source is to be permitted.

15 26. The apparatus of claim 20, further comprising:
means for passing the document to the client if the decision interval has not been reached.

27. The apparatus of claim 20, further comprising:
20 means for passing the document to the client if the first average score does not exceed the threshold.

28. A computer program product, in a computer readable medium, for filtering content, comprising:

25 instructions for assigning point values to a plurality of keywords;

instructions for receiving a first plurality of documents from a source;

30 instructions for comparing text of each of the first plurality of documents with the plurality of keywords;

instructions for calculating a score for each of the

09733539-11200

Docket No. AUS920000767US1

first plurality of documents based on the point values and the results of the comparison;

instructions for calculating an first average of the scores for the first plurality of documents; and

- 5 instructions for blocking access to the source if the first average score exceeds a threshold.

29. A computer program product, in a computer readable medium, for filtering content, comprising:

- 10 instructions for assigning point values to a plurality of keywords;

instructions for receiving a request for a document from a client;

- 15 instructions for receiving the document from a source;

instructions for comparing text of each of the plurality of documents with the plurality of keywords;

- 20 instructions for calculating a score for the document based on the point values and the results of the comparison;

instructions for determining if a decision interval has been reached;

- 25 instructions for calculating an average score over the decision interval if the decision interval has been reached for the source; and

instructions for blocking access to the source if the average score exceeds a threshold.

09735589-11200